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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/607,217	06/27/2003	Takashi Imanishi	Q76309	5687
65565 SUGHRUE-26	65565 7590 02/21/2007 SUGHRUE-265550		EXAMINER	
2100 PENNSYLVANIA AVE. NW WASHINGTON, DC 20037-3213			JOYCE, WILLIAM C	
			ART UNIT	PAPER NUMBER
			3682	
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SHORTENED STATUTOR	Y PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE	
3 MO	NTHS	02/21/2007	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

	Application No.	Applicant(s)	
	10/607,217	IMANISHI ET AL.	
Office Action Summary	Examiner	Art Unit	
	William C. Joyce	3682	
The MAILING DATE of this communication ap			
Period for Reply			
A SHORTENED STATUTORY PERIOD FOR REPL WHICHEVER IS LONGER, FROM THE MAILING D - Extensions of time may be available under the provisions of 37 CFR 1.1 after SIX (6) MONTHS from the mailting date of this communication. - If NO period for reply is specified above, the maximum statutory period - Failure to reply within the set or extended period for reply will, by statute Any reply received by the Office later than three months after the mailine earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATIO 136(a). In no event, however, may a reply be ti will apply and will expire SIX (6) MONTHS from e, cause the application to become ABANDONI	N. mely filed n the mailing date of this communication. ED (35 U.S.C. § 133).	
Status			
Responsive to communication(s) filed on <u>28 ∧</u> This action is FINAL . 2b) This Since this application is in condition for alloware closed in accordance with the practice under the second sec	s action is non-final. nce except for formal matters, pr		
Disposition of Claims			
4) Claim(s) 1-5 and 7-13 is/are pending in the ap 4a) Of the above claim(s) 2-5 and 7-13 is/are v 5) Claim(s) is/are allowed. 6) Claim(s) 1 is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/o Application Papers 9) The specification is objected to by the Examine 10) The drawing(s) filed on is/are: a) accomposite and applicant may not request that any objection to the Replacement drawing sheet(s) including the correct 11) The oath or declaration is objected to by the Examine 11.	withdrawn from consideration. or election requirement. er. eepted or b) objected to by the drawing(s) be held in abeyance. Settion is required if the drawing(s) is objected.	ee 37 CFR 1.85(a). ojected to. See 37 CFR 1.121(d).	
Priority under 35 U.S.C. § 119			
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority document 2. Certified copies of the priority document 3. Copies of the certified copies of the priority application from the International Bureat * See the attached detailed Office action for a list	ts have been received. ts have been received in Applicat rity documents have been receiv u (PCT Rule 17.2(a)).	ion No ed in this National Stage	
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date	4) Interview Summar Paper No(s)/Mail D 5) Notice of Informal 6) Other:	Date	

DETAILED ACTION

This Office Action is in response to the amendment filed November 28, 2006 for the above identified patent application.

Claim Rejections - 35 USC § 103

- 1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 2. Claim 1 is rejected under 35 U.S.C. 103(a) as being unpatentable over at least one of Yamamoto (USP 6,203,467) or Imanishi (USP 6,746,364) in view of Bauer et al. (USP 5,382,099).

Yamamoto et al. illustrates a toroidal continuously variable transmission (CVT), comprising: a pair of input and output disks (17-20) each including a first traction surface; power rollers (70-71) each including a second traction surface and respectively interposed between the first traction surfaces of the input and output disks; an oil passage (for example, 105,107,113) for guiding lubricating oil to the traction surfaces of the power rollers, input disk and output disk. Referring to Figure 6, Yamamoto et al. illustrates the displacement shafts (147) having an oil passage (not referenced) and oil holes (not referenced) for supplying lubricant to the power roller bearings (71A). Applicant's attention is drawn to Figure 6 of Imanishi which clearly

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discloses the use of oil passages in a CVT displacement shaft for providing oil to bearings.

Imanishi discloses a CVT having displacement shafts (28) with an oil passage (73) and oil holes (73a,73b) for supplying lubricant to the power roller bearings (31,32).

Neither Yamamoto et al. nor Imanishi do not teach a filter disposed on the exit side of the displacement shaft oil passage, but it was known in the gearing art to provide an in-line oil filter at an exit side of an oil passage for preventing contaminates from reaching a bearing.

The prior art to Bauer et al. teaches a bearing oil filter arrangement comprising: an oil passage (23) for supplying oil to a bearing (2), a filter (30) disposed in an exit side of the oil passage.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the oil passage arrangement of either one of Yamamoto et al. or Imanishi with an in-line oil filter at the exit side thereof, as taught by Bauer et al., motivation being to prevent contaminates from entering the bearing arrangement.

Response to Arguments

3. Applicant's arguments filed November 28, 2006 have been fully considered but they are not persuasive. The argument that Yamamoto does not teach an oil passage in the displacement shaft is not persuasive. Referring to Figure 6, Yamamoto clearly shows the use of oil passages in the displacement shaft. Further, Imanishi clearly

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discloses the use of the claimed oil passages (see Figs. 1 and 6). Accordingly, claim 1 stands rejected.

Conclusion

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to William C. Joyce whose telephone number is (571) 272-7107. The examiner can normally be reached on Monday - Thursday 7:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Ridley can be reached on (571) 272-6917. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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William C. Joyce 2/18/07